

Saving Energy

Student Facing Project Rubric

Read the chart below to understand how your project will be scored. Your goal should be to earn all 20 possible points.

CRITERIA	4 POINTS	3 POINTS	2 POINTS	1 POINT
Sources of energy	All sources of energy are included in the plan and student has correctly identified whether the energy is potential or kinetic. Explanation is exemplary.	All sources of energy are included in the plan and student has correctly identified whether the energy is potential or kinetic. Explanation is well written.	Most sources of energy are included in the plan and student has correctly identified whether the energy is potential or kinetic. Explanation is satisfactory.	More than 1 source of energy is not included in the plan and the student has not correctly identified whether the energy is potential or kinetic. Explanation is unsatisfactory or missing.
Record of energy	Record of energy use is documented for 1 week. Record is exemplarily well organized and includes the type of energy and how much energy is used with the appropriate unit of measurement.	Record of energy use is documented for 1 week. Record is well organized and includes the type of energy and how much energy is used with the appropriate unit of measurement.	Record of energy use is documented but is for less than one week. Record is satisfactorily organized and includes the type of energy and how much energy is used with the appropriate unit of measurement.	Record of energy use is documented but is for less than one week. Record is unsatisfactorily organized and either does not include the type of energy or how much energy is used with the appropriate unit of measurement.
Recommendation	Recommendation includes a way to decrease energy consumption. Recommendation is easy to implement and realistic. Recommendation is exemplary.	Recommendation includes a way to decrease energy consumption. Recommendation is easy to implement and realistic. Recommendation is well constructed.	Recommendation includes a way to decrease energy consumption. Recommendation is not easy to implement and/or not realistic. Recommendation is satisfactory.	Recommendation does not include a way to decrease energy consumption. Recommendation is not easy to implement and/or not realistic. Recommendation is unsatisfactory or missing.
Energy Savings	Student explains how much energy would be saved by following the energy conservation plan. Units of measurement are included with the energy savings. Explanation is exemplary.	Student explains how much energy would be saved by following the energy conservation plan. Units of measurement are included with the energy savings. Explanation is exemplary.	Student explains how much energy would be saved by following the energy conservation plan but calculation is incorrect. Units of measurement are included with the energy savings. Explanation is satisfactory.	Student explains how much energy would be saved by following the energy conservation plan but calculation is incorrect and explanation is not complete. Units of measurement are not included with the energy savings. Explanation is unsatisfactory.
Energy Conservation Plan	Energy conservation plan is exemplarily organized. Includes type of energy and whether it is potential or kinetic with an explanation, record of energy use, recommendation, and energy savings.	Energy conservation plan is well organized. Includes type of energy and whether it is potential or kinetic with an explanation, record of energy use, recommendation, and energy savings.	Energy conservation plan is satisfactorily organized. One of the following is missing from the plan: type of energy, whether the energy is potential or kinetic with an explanation, record of energy use, recommendation, and energy savings.	Energy conservation plan is unsatisfactorily organized. Two or more of the following is missing from the plan: type of energy, whether the energy is potential or kinetic with an explanation, record of energy use, recommendation, and energy savings.

Total Possible Points: 20